Page 1

Friday, April 30, 2010 1:01:31 PM

Required Date: 5/21/2010

Item ID:

Revision ID:

Item Name:

D3913-041

Accept



Setup Start



Stop

Start Date:

4/30/2010

Start Qty: 1.00 Req'd Qty: 1.00

Cust Item ID: Customer:

Reference:

Approvals:

Process Plan: MF

Date: 10-4-30 Tooling:

Date:

Start Run

QC:

Long Basket Base Assemby, 350

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

Operation . . . Description

Large Fab

Set Up/ **Run Hours**

Draw Number

Draw Plan Rev. Code

Accept Qty

Reject Reject Otv

Number Stamp

Draw Nbr

Revision Nbr

D3913 Α

Weld per dwg A/R S.S. rod Batch:

0.00



Large Fab

Large Fab

Memo

1- assemble ribs, weld as per dwg D3913 ***inspect before welding mesh***

2- tack weld mesh on basket as per dwg D3913

3- weld hinge (3) and Mounting brackets as per dwg D3913

take lid to locate hinge and bracket

1 19/05/04 () CPL 10.05.04

110

Quality Control

Memo

QC9- Inspect visual per QSI004- Fusion Welds

0.00

0.00

0.00

QC

Dart Aerospace	Ltd
----------------	-----

W/O:			WO	RK ORDER CHANG	ES		·•			
DATE	STEP	PRO	OCEDURE CHAI			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	·									
	· 									
Part No	:	PAR #:	Fault Categ	ory:	_ NCR:	Yes N	lo DQ /	A :	Date:	
	R	esolution:	Disposition	:	QA: N	I/C Clo	sed:		Date:	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NCR)	l			
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section Description	tion B	Sign &	Verific Secti		Approval Chief Eng	Approval QC Inspector
		Conton	Chief Eng	Chief Eng		Date	Secil		Office Eng	QC Inspector
							:			
		·								
								:		
	1].

Work Order ID 58237

Friday, April 30, 2010 1:01:31 PM



Page 2

Item ID: **Revision ID:** D3913-041

Accept



Setup Start



Stop

Item Name: Start Date:

4/30/2010

Start Otv: 1.00 **Reg'd Otv:** 1.00

Cust Item ID:

Customer:

Reference:

				_	
A	nr	rc	W:	als	٠

Process Plan: Date:

Long Basket Base Assemby, 350

Tooling:

Date:

Run Start

Required Date: 5/21/2010

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID

120

OC

Quality Control

Operation Description

OC5- Inspect part completeness to step on W/O

Set Up/ **Run Hours**

Draw Number Draw Rev.

Plan Accept Code Otv

Reject Otv

Reject Number Stamp

Insp.

Memo

130



Powder Coating

White Gloss(Ref:4.3.5.2) per OSI005 4.3-Steel

11111207

0.00

0.00

-> 90 loloslor-1 P

Memo Plug holes and mask only interior of hinge (3) prior to powder coat

1ST COAT:

START TIME: 1:000M OVEN TEMPERATURE: 400°F

START TIME: 1330 P. A. OVEN TEMPERATURE: 400° (7) FINISH TIME: 21000 ~

	Dart	Aero	space	Ltd
--	------	------	-------	-----

W/O:			WO	RK ORDER CHAN	NGES							
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
									·			
<u></u>		·										
Part No	:	PAR #:	Fault Cate	jory:	NC	R: Yes 1	lo DQA	\ :	Date:			
	Re	esolution:	Disposition	n:	QA:	N/C Clo	sed:		Date:			
NCR:			WORK ORDE	R NON-CONFOR	MANCE	(NCR)						
DATE	STEP	Description of NC	}		Section B		- Verific	ation	Approval	Approval		
	0.2.	Section A	Initial Chief Eng	Action Description Chief Eng	n	Sign & Date	Section	on C	Chief Eng	QC Inspector		
					i							
					•		·					
		•										
						,						
	,					<u> </u>						
						! :	,					

Work Order ID 58237

Page 3

Friday, April 30, 2010 1:01:31 PM

D3913-041 Item ID:

Accept

Setup Start



Revision ID: Item Name:

Long Basket Base Assemby, 350

Cust Item ID:

Stop

Start Date:

4/30/2010

Start Oty: 1.00

Customer:

Required Date: 5/21/2010

Req'd Oty: 1.00

Date:

Reference:

Approvals:

Process Plan: Date:

Tooling:

Date:

Draw

Rev.

Plan

Code

Start

Reject

Qty

Stop



Stamp

QC:

SPC (Y/N):

Set Up/

Run Hours

Date:

Accept

Otv

Run

Reject

Number

Sequence ID/ Work Center ID

140

OC

Quality Control

Operation Description

QC3- Inspect Part Finish

Memo

0.00

0.00

St 10/05/04

Draw

Number

150

HandFinish

Hand Finishing

Assemble as per dwg

Memo Pick Kit 0.00

0.00

160

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

\$50,65/04 Q

W/O:			M	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CH	IANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						· · · · · · · · · · · · · · · · · · ·			
			1100					,	
Part No	:	PAR #:	Fault Ca	tegory:	_ NCR: Yes	No DQ	A:	Date: _	
	R	esolution:	Disposit	ion:	_ QA: N/C CI	osed:		Date: _	
NCR:			WORK OR	DER NON-CONFORMA	ANCE (NCF	R)			,
DATE	STEP	Description of NC	Initial	Corrective Action Section			cation	Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng	Sign 8 Date	Sect	ion C	Chief Eng	QC Inspector
,									
		,							
				•					

Work Order ID 58237

Friday, April 30, 2010 1:01:31 PM



Page 4

Item ID:

D3913-041

Accept

Setup Start



Stop

Revision ID:

Item Name:

Long Basket Base Assemby, 350

Start Date:

4/30/2010

Start Oty: 1.00

Required Date: 5/21/2010

Rea'd Otv: 1.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: Date: Tooling: QC: Date:

Date:

Start Run

SPC (Y/N):

Date:

Stop

Sequence ID/

Work Center ID

170

Packaging

Operation Description

Identify as per dwg & Stock Location: \$\ 58243

Set Up/ Run Hours

Draw Number

Draw Rev.

Plan Code

Reject Accept Oty

Reject

Insp. Number Stamp

Packaging

Memo

Memo

0.00

180

QC

Quality Control

OC21- Final Inspection - Work Order Release

0.00

0.00

10/05/04 94 MF 5-4

	-								
W/O:			WO	RK ORDER CHANGES	3				
DATE	STEP	PRO	OCEDURE CHAI	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						· 			
							<u> </u>		
Part No	•	PAR #:	Fault Categ	jory:	NCR: Yes	No DQ	A:	Date:	
	R	esolution:	Disposition	:	QA: N/C C	osed:		Date: _	
NCR:	_		WORK ORDE	R NON-CONFORMAN	CE (NCF	R)		· · · · ·	
DATE	STEP	Description of NC		Corrective Action Section		Verific	cation	Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date		ion C	Chief Eng	QC Inspector
			-						
				:					
		,							
	3					· I			

Picklist Print Friday, April 30, 2010 1:01:30 PM Work Order ID: 58237 D3913-041 Parent Item: Parent Item Name: Long Basket Base Assemby, 350 Start Date: 4/30/2010 Required Date: 5/21/2010 Comments: IPP Rev:A new issue DD 10.03.19 verified by:EC Start Qty: 1.00 Required Qty: 1.00 IPP Rev:B chg qty's DD 10.04.12 verified by:EC Component Item ID/ Replacement Mfg/ Primary Last Route Unit of Qty per Kit Bin Qty on Qty Date Item Name Item ID Item Location Location Seq ID Measure Hand Issued Issued Purch AN3-10A 150 Purchased No Each 112.0000 Bolt Location Loc Qty Loc Code ST351 112 111119 12 100 -114330 AN960JD8 Purchased No 150 Each 0.0000 Par 885017 WAS 1149 DN 8325 M114348 Washer D2581 100 27.0000 Manufactured Each Mounting Bracket Location Loc Qty Loc Code WA 27 2 46086 2 51745 57185 23 D2931 150 872.0000 Manufactured, Each

Bumper Location Loc Qty Loc Code ST504 872 46064 872 D3913-1 Manufactured

100 Each 0.0000 No

Status

Rib

W/O:			WC	RK ORDER CHAN	GES					
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					:					
Part No	•	PAR #:	Fault Cate	gory:	NCF	R: Yes I	10 DQ	A:	Date:	
	R	Resolution:	Disposition	1:	QA:	N/C Clo	sed:		Date: _	
NCR:			WORK ORDE	ER NON-CONFORM	IANCE	(NCR				
DATE	STEP	Description of NC		<u>`</u>	ction B	0: 0	Verific	cation	Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Sect	on C	Chief Eng	QC Inspector
		ć			1					
										·
		_		-						
٠		r.					!			

Friday, April 30, 2010 1:01:30 PM

Work Order ID: 58237

Parent Item:

D3913-041

Parent Item Name:

Long Basket Base Assemby, 350

Comments:

IPP Rev:A new issue DD 10.03.19 verified by:EC

chg qty's DD 10.04.12 verified by:EC



IPP Rev:B

Start Date: 4/30/2010

Required Date: 5/21/2010

Start Oty: 1.00

Required Oty: 1.00

Component Item ID/ Item Name

D3913-15

Replacement Mfg/ Item ID

Purch Manufactured

Manufactured

Manufactured

Primary Bin Item Location No

Last Location Route Seq ID 100

Unit of Oty on Measure Hand Each 2.0000

Oty per Kit

Oty Issued Date Issued

Status

Wide Handle Plate

Location

No

No

WA

57079

Loc Qty

Loc Qty

Loc Qty

7.0000

Loc Code

D3913-3

Rib

Location WA

Location

WA

57609 58126

57610

Each

Each

0.0000

Loc Code

858127@ Midoslos 857610 () Midoslos

Hinge Rib

D3913-7

Rib D3913-9

Manufactured No

100

100

100

100

Each

1.0000

Loc Code

Rib Assembly

No Manufactured

Each

0.0000

B58129(2)

Aeros	Aerospace

W/O:			٧	ORK ORDER CHANG	iES				
DATE	STEP	PRO	CEDURE CH	IANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	· ·							·	
						tert entre e			,
Part No	•	PAR #:	Fault Ca	tegory:	_ NCR: Yes	No DQ	A:	Date:	· .
	R	esolution:					·	Date: _	
NCR:	3.	, , , , , , , , , , , , , , , , , , ,	VORK OR	DER NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC			ion B	Verific	cation	Approval	Approval
DAIL	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Secti	on C	Chief Eng	QC Inspector
	-	·							24
		. 1 (m m m m m m m m m m m m m m m m m m	Y	· ·					
	`			-* 					-
	7.								
		.						į.	
									y 1
			_						
	1	• · · · · • • · · · · · · · · · · · · ·							ļ.

Friday, April 30, 2010 1:01:30 PM

Work Order ID: 58237

Parent Item:

D3913-041

Parent Item Name:

Long Basket Base Assemby, 350

Comments:

IPP Rev:A new issue DD 10.03.19 verified by:EC

chg aty's DD 10.04.12 verified by:EC

IPP Rev:B

Start Otv: 1.00

Start Date: 4/30/2010

B58132 (2)

Required Date: 5/21/2010

Required Otv: 1.00

Component Item ID/ Replacement Mfg/ Bin **Primary** Last Route Oty on Unit of Oty per Kit Otv Date Status Item Name Item ID Purch Item Location Location Sea ID Measure Hand Issued Issued D3916-5 Manufactured No 100 Each 2.0000 3 Light Rib Location Loc Otv Loc Code WA 2 57023 2 D4016-1 Manufactured No 100 Each 4.0000 M 10/05/03

Hinge Half, Base

D4017-9

D4020-1

Mesh (350 Basket Long, Base) D4020-11

End Mesh, Basket

Loc Code ST109 57611 4 100 Each 0.0000

100

Loc Otv

Manufactured No 100 Each

Manufactured No 100 Each

Manufactured No

Manufactured

No

0.0000

Each

0.0000

1.0000

B 58135 D Stiglos/03

B 58133 D St 10/05/03

56990

Location

Loc Code

W/O:			V	ORK ORE	DER CHANC	SES				,,	
DATE	STEP	PR	OCEDURE CH	IANGE			Зу	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		*.									
	44.					:					
			14,								
71											
Part No	:	PAR #:	Fault Ca	tegory:		_ NCR:	Yes I	No DQ	A:	_ Date: _	
	R	esolution:	Disposit	ion:		QA: N	I/C Clo	sed:		Date:	
NCR:			WORK OR	DER NON-	CONFORM	ANCE (NCR)			
547-		Description of NC		Corrective	Action Sec	tion B		Vorifi	cation	Approvai	Approval
DATE	STEP	Section A	Initial Chief Eng	Actio	n Description Chief Eng		Sign & Date		on C	Chief Eng	QC Inspector
				-							
				·)			
		,									
											•
										İ	ļ.

Picklist Print

Friday, April 30, 2010 1:01:30 PM

Page 4

Work Order ID: 58237

Parent Item:

D3913-041

Parent Item Name: Long Basket Base Assemby, 350

Comments:

IPP Rev:A new issue DD 10.03.19 verified by:EC



IPP Rev:B

Start Date: 4/30/2010

Required Date: 5/21/2010

Start Qty: 1.00

Required Qty: 1.00

,	cl	hg qty's DD 10.04	4.12 verified by:E	C.C	•							, -,	
/	Component Item ID/ Item Name D4021-1	Replacement Item ID	Mfg/ Purch Manufactured	Bin Item No	Primary Location	Last Location	Route Seq ID 100	Unit of Measure Each	Qty on Hand 7.0000	Qty per Kit	Issued	Date Issued	Status Y 10/05
	Handle Plate				Location		Loc	Qty	Loc Code				,
					ST109			7					
						57086		7		_			
	D4021-5		Manufactured	No			150	Each	4.0000	2			
	Blanking Plate		!										
					Location		Loc	<u>Qty</u>	Loc Code				1 1
					ST109			4		_		<- l	8/05/64
/	,					57612		4		Ē	_2_	33	
/	D4034-041 Aft Upper Rib Assembly		Manufactured ;	No			100	Each	4.0000		M	10/05/	0105/64
	: **				Location		Loc	<u>Qty</u>	Loc Code				
	•				WA			4					
	/				t	57988		4		-	\mathcal{O}		
√			Manufactured	No			100	Each	4.0000	1	SY	0/05/0	3
	Fwd Upper Rib Assembly						_			ت		, - , -	
					<u>Location</u>		Loc		Loc Code				
					WA	58040		4		-	α		
						J0040		4			$-\underline{\upsilon}$		

W/O:		WORK ORDER CHANGES											
DATE STEP		PROCEDURE CHANGE					Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No	•	PAR #:	Fault Cat	egory:	NCI	R: Yes	No DQ	A:	Date:	<u> </u>			
			tion: Disposition:										
NCR:			WORK ORE	DER NON-CONFORM	ANCE	(NCF	()						
DATE STEP		Description of NC Corrective Action						Verification Appro		Approval			
OAIL	JILI	Section A	Initial Chief Eng	Action Description Chief Eng		Sign 8 Date	Secti		Chief Eng	QC Inspector			
				•									
·													
							i						

Picklist Print

Friday, April 30, 2010 1:01:30 PM

Page 5

Work Order ID: 58237

D3913-041



Parent Item Name: Long Basket Base Assemby, 350

Comments:

Parent Item:

IPP Rev:A new issue DD 10.03.19 verified by:EC

cha aty's DD 10.04.12 verified by EC

Start Date: 4/30/2010

Required Date: 5/21/2010

Start Oty: 1.00

Required Oty: 1.00

C	ong qty's DD 10.04	4.12 verified by	:EC									
Component Item ID/ Item Name MS20600-AD4W3 Cherry Rivets	Replacement Item ID	Purch Purchased	Bin Item No	Primary Location	Last Location	Route Seq ID 150	Unit of Measure Each	Qty on Hand 1,891.000	Qty per Kit	Qty Issued	Date Issu	Status
,				Location		<u>Loc</u>	<u>Qty</u>	Loc Code				
				ST321			1891		_			
					106375		3		_	******	_	1 1
					107939		888				SI	INDS/04

IPP Rev:B

MS21042L3

Purchased

Purchased

No

No

111636 1000 Each

150

1,816.000

12

Nut

<u>Location</u>	Loc (<u>Qty</u>	Loc Code
ST300	1	1816	
113537		20	
113644		796	
114523	i	1000	
	150	Each	959.0000

NAS1149F0332P

WASHER

Location Loc Oty Loc Code ST275 959

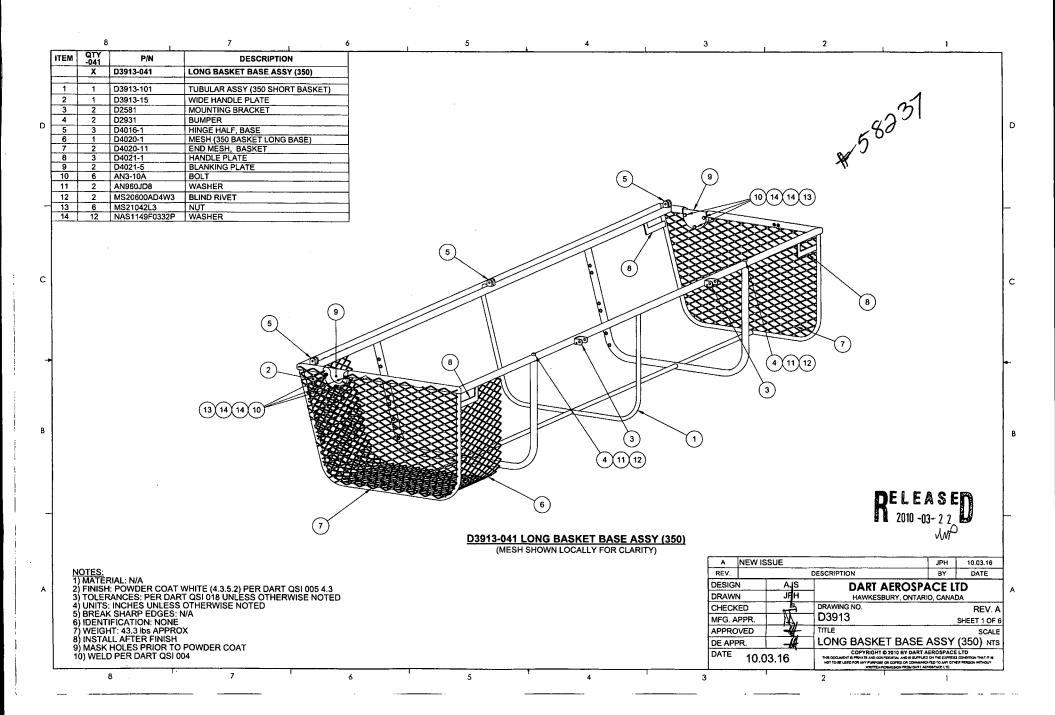
959

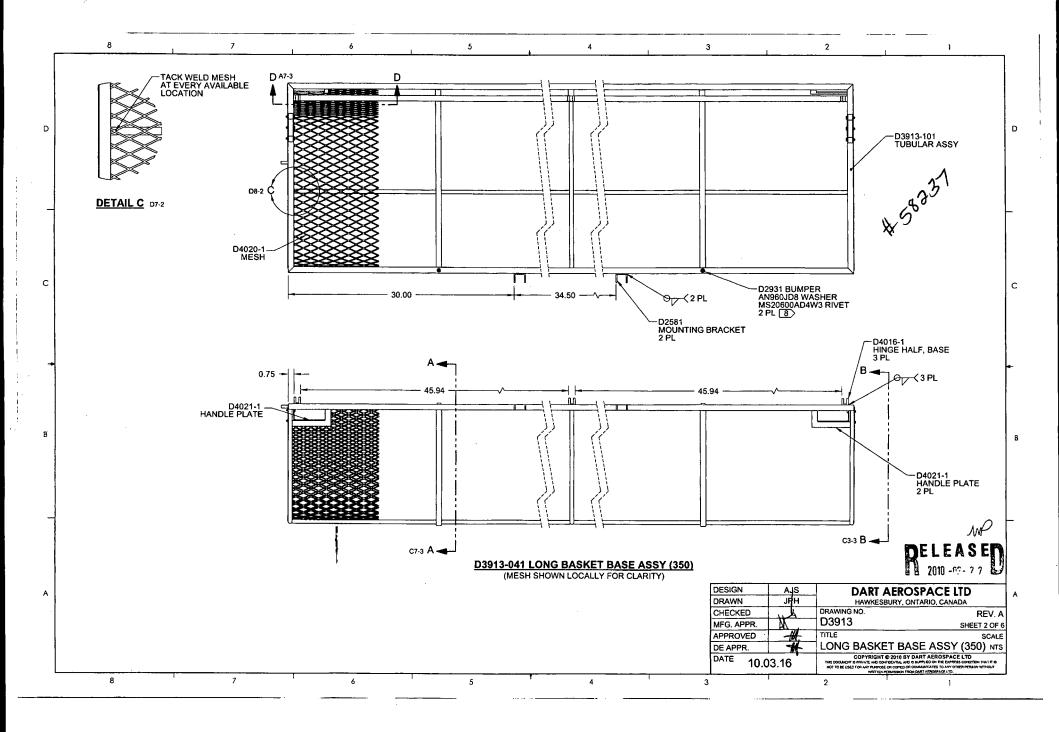
18057

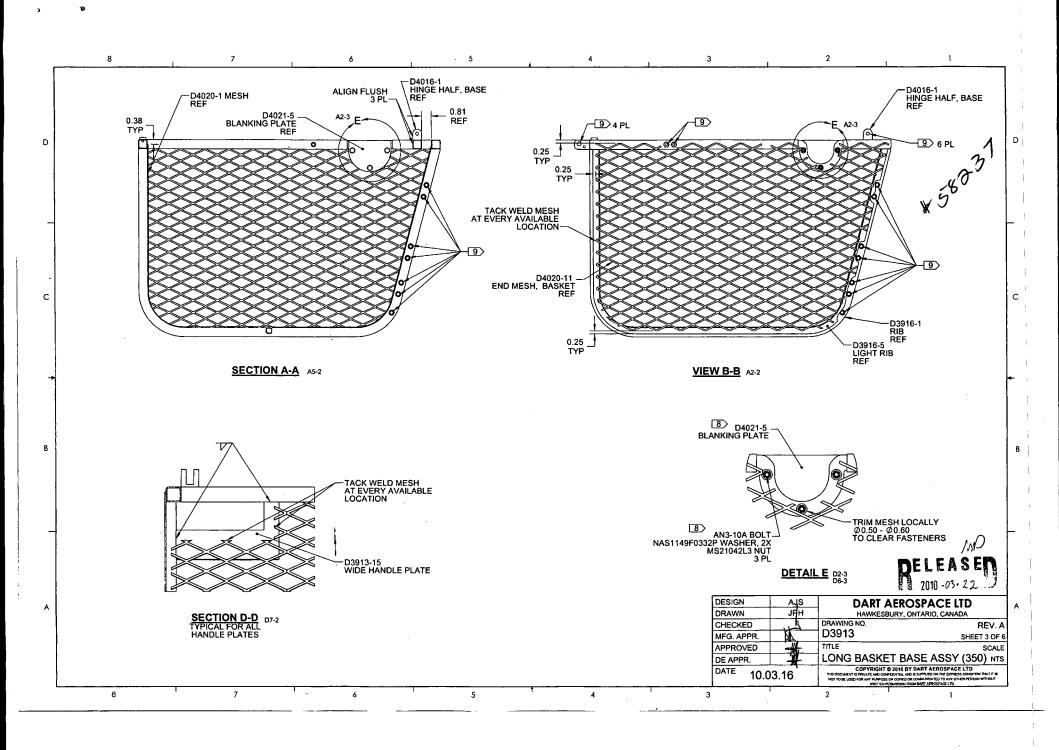
Dall Aciospace Liu	pace Ltd
--------------------	----------

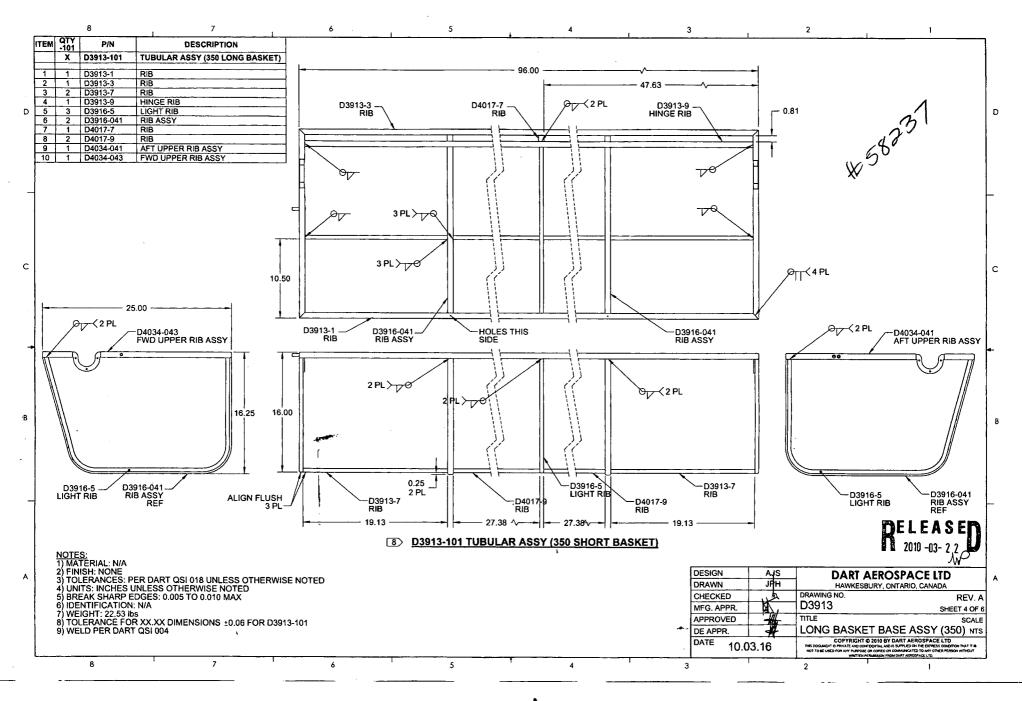
	•									
W/O:			V	ORK ORDER CHANG	GES					
DATE	STEP	PROCEDURE CHANGE				Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No:		PAR #:	Fault Ca	tegory:	NCR	: Yes i	No DQ	4 :	_ Date: _	· · · · · · · · · · · · · · · · · · ·
			Disposition:			QA: N/C Closed:			Date:	
NCR:			WORK OR	DER NON-CONFORM	ANCE	(NCR				
DATE	STEP	Description of NC			ction B	Verific	ation	Approval	Approval	
	0,2,	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti	on C	Chief Eng	QC Inspector
								•		
							1.	7		
			,							

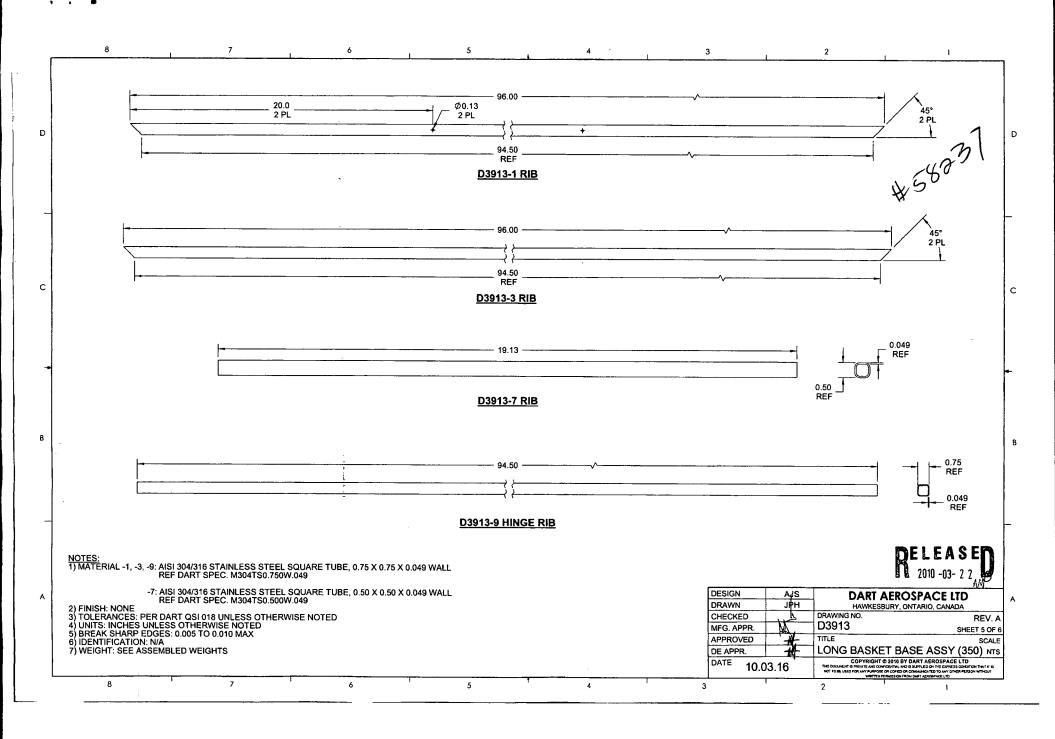


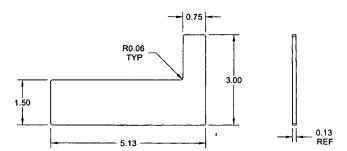






£.





D3913-15 WIDE HANDLE PLATE

NOTES:
1) MATERIAL: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH,
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240
REF DART SPEC M304S11GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.31 lbs

8

8

D

DESIGN	AJS	DART AEROSPACE LTD			
DRAWN	14H	HAWKESBURY, ONTARIO, CANADA			
CHECKED	<u>, </u>	DRAWING NO. REV. A			
MFG. APPR.	<i>W</i> .	D3913 SHEET 6 OF 6			
APPROVED	`##-	TITLE SCALE			
DE APPR.	4 -	LONG BASKET BASE ASSY (350) NTS			
DATE 10.0	3.16	COPYRIGHT © 2010 BY DART AEROSPACE LTD THE DOCUMENT IS PREMITE AND CONTROL AND IS SUPPLIED AN EXPRESS CONCINON THAT IT IS NOT TO BE USED FOR MY REPORCE ON COPE ON COMBANICATION TO ANY OTHER POPULON WITHOUT			

3

D